



Attorney Docket No.: SUN-P6197

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

RECEIVED

MAR 1 8 2003

Technology Center 2100

Examiner:

Filed: 06/28/01

Serial No.: 09/896,244

In re Application of:

Inventor(s): Sreeram Duvvuru

Art Unit:

DIFFERENTIATED QUALITY OF SERVICE CONTEXT ASSIGNMENT AND PROPAGATION

Patent No.:

For:

Issued Date:

Assistant Commissioner for Patents Washington, D.C. \20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified

application,

patent.

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agents(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected herewith.

James P. Hao	Registration	No.: 36,398
Anthony C. Murabito	Registration	No.: 35,295
John P. Wagner	Registration	No.: 35,398
Glenn D. Barnes	Registration	No.: 42,293
Thomas M. Catale	Registration	No.: 46,434
Jose S. Garcia	Registration	No.: 43,628
Eric J. Gash	Registration	No.: 46,274
Lin C. Hsu	Registration	No.: 46,315
Ronald M. Pomerenke	Registration	No.: 43,009
John F. Ryan	Registration	No.: 47,050
Matthew J. Blecher	Registration	No.: 46,558
Lawrence R. Goerke	Registration	No.: 45,927
Reginald A. Ratliff	Registration	No.: 48,098
William A. Zarbis	Registration	No.: 46,120

	Mehlin Dean Matthews	Registration	No.: 46,127
	Joel D. Youngs	Registration	No.: 52,389
	Michael R. Hardaway		No.: P-52,992
	Timothy J. Crean	Registration	No.: 37,116
Λ_{\star} ×	Michael B. Gilverman	Registration	No. 27,040
	Anirma R. Gupta		No.: 38,275
	Sean P. Lewis	Registration	No.: 42,798
, Mx	wichael o. Schallop		No.: 11,319
8	Bernice B. Chen		No.: 42,403
	Noreen A. Krall	Registration	No.: 39,734
	Pavel I. Pogodin		No.: 48,205
	Monica Ward		No.: 40,696
	Marc D. Foodman	Registration	No.: 34,110
	Elaine Lee	Registration	No.: 41,936
	Paul D. Sorkin	Registration	No.: 39,039
	Marilyn E. Glaubensklee	Registration	No.: 35,521
	Andrew C. Chen	Registration	No.: 43,554
	Jeffrey L. Myers		No.: 44,252

SEND CORRESPONDENCE TO:

WAGNER, MURABITO & HAO LLP Two North Market Street Third Floor San Jose, CA 95113

DIRECT PHONE CALLS TO:

Anthony C. Murabito (408) 938-9060

Sun Microsystems, Inc. (type or print identity of assignee of entire interest)

4150 Network Circle Santa Clara, CA 95054 Address

- Recorded in PTO on 06/28/01 Reel 011988 Frame 0129
- Recorded herewith

ASSIGNEE CERTIFICATION

Attached to this power is a "CERTIFICATE UNDER 37 CFR 3.73(b)."

1

3 5 03

Jeffrey L. Myers (type or print name of person authorized to sign on behalf of assignee)

Patent Counsel



identified above.

Docket No.: SUN-P6197

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	tion of: Duvvuru		
Serial No.: (09/896,244	RECEIVED	
Filing Date: 06/28/01		MAR 1 8 2003	
For: DIFFERENTIATED QUALITY OF SERVICE CONTEXT ASSIGNMENT AND PROPAGATION			
	CERTIFICATE UN	IDER 37 CFR 3.73(b)	
SUN title and inter	I MICROSYSTEMS, INC., a corporation in the patent application identifie	on, certifies that it is the assignee of the entire right, d above by virtue of either:	
[X] An a assignment i	ssignment from the inventor(s) of the is attached.	patent application identified above. A copy of the	
[] A ch assignees as	ain of title from the inventor(s), of the shown below:	patent application identified above, to the current	
1.	From:, The document was recorded in the Reel:, Frame: is attached.	To: ne Patent and Trademark Office at , or for which a copy thereof	
2.	From:, The document was recorded in the Reel:, Frame:, is attached.	To: e Patent and Trademark Office at , or for which a copy thereof	
3.	From:, The document was recorded in the Reel:, Frame: is attached.	To: e Patent and Trademark Office at , or for which a copy thereof	
[]	Additional documents in the chain of title are listed on a supplemental sheet.		
[] Copies of	f assignments or other documents in	the chain of title are attached.	
		cuments in the chain of title of the patent application knowledge and belief, title is in the assignee	

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements

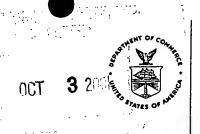
are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3 5 6 3 Date Signaturje

Jeffrey L. Myers Typed or Printed Name

Patent Counsel Title





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

SEPTEMBER 24, 2001

PTAS

101787415A

RECEIVED

MAR 1 8 2003

Technology Center 2100

SUN MICROSYSTEMS, INC. JEFFREY L. MYERS

901 SAN ANTONIO ROAD

M/S: PAL01-521

PALO ALTO, CALIFORNIA 94303

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/2001

REEL/FRAME: 011988/0129

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUVVURU, SREERAM

DOC DATE: 06/26/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD

M/S: PAL01-521

PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09896244

PATENT NUMBER:

FILING DATE: 06/28/2001

ISSUE DATE:

SHARON BROOKS, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

ORIGINAL → SAFE
COPY → FILE

ASSOCIATE DATE OF STATE OF STA

NOV 0 1 2001

Attorney Docket No.: P6197

FORM PTO-1619A Expires 06/30/99 OMB0651-0027 07-23-2001



101787415

U.S. Department of Commerce Patent and Trademark Offic

nt and Trademark Offic
PATENT

RECORDATION FORM COVER SHEET **PATENTS ONLY** TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Conveyance Type **Submission Type** Assignment ☐ Security Agreement New ☐ Change of Name License ☐ Resubmission (Non-Recordation) Document ID# ☐ Merger ☐ Other ☐ Correction of PTO Error U.S. Government Frame # Reel # (For Use ONLY by U.S. Government Agencies) ☐ Corrective Document ☐ Secret File Departmental File Frame # Reel# Mark if additional names of conveying parties attached Conveying Party(ies) **Execution Date** Month Year Sreeram Duvvuru Name (line 1) 06/26/2001 Name (line 2) **Execution Date** Second Party Month Year Name (line 1) Name (line 2) Mark if additional names of receiving parties attached Receiving Party If document to be recorded Sun Microsystems, Inc. Name (line 1) is an assignment and the receiving party is not domicited in the United Name (line 2) States, an appointment of a domestic representative is attached. 901 San Antonio Road (Designation must be a separate Address (line 1) document from Assignment.) M/S: PAL01-521 Address (line 2) California 94303 Palo Alto Address (line 3) Zip Code State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

07/20/2001 LMUELLER 00000206 194974 09896244

01 FC:581

40.00 CH

FOR OFFICE USE ONLY

Attorney Docket No.: P6197

FORM PTO-1619B Expires 06/30/99

Jeffrey L. Myers Reg. No. 44,252

Name of Person Signing

Page 2

U.S. Department of Comm rce

Patent and Trademark Office **PATENT** OMB0651-0027 **Correspondent Name and Address** Area Code and Telephone Number (408) 276-6583 Jeffrey L. Myers Name Sun Microsystems, Inc. Address (line 1) 901 San Antonio Road Address (line 2) M/S: PAL01-521 Address (line 3) Palo Alto, California 94303 Address (line 4) Enter the total number of pages of the attached conveyance document **Pages** including any attachments. Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Number(s) Patent Application Number(s) Month Day Year If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. PCT [PCT PCT **Patent Cooperation Treaty** (PCT) PCT PCT Enter PCT application number only if a U.S. Application Number has not been assigned. **Number of Properties** Enter the total number of properties involved. \$ 40.00 Fee Amount for Properties Listed (37 CFR 3.41): F e Amount Enclosed Deposit Account ⊠ Method of payment: Deposit Account - Enter for payment by deposit account or if additional fees can be charged to the account.) 19-4974 **Deposit Account Number** Authorization to charge additional fees $\ensuremath{\mathsf{Yes}}\xspace^{oxtimes}$ No $\ensuremath{\square}$ Stat m nt and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **SUN MICROSYSTEMS, INC.** (the Assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **901 San Antonio Road, Palo Alto, California 94303** their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, "DIFFERENTIATED QUALITY OF SERVICE CONTEXT ASSIGNMENT AND PROPAGATION", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

By: D. Sverom.

Date: 6/26/2001

Sreeram Duvvuru

Jeffrey L. Myers
Registration Number: 44,252
Sun Microsystems, Inc.
901 San Antonio Road, MS: UPAL01–521
Palo Alto, CA. 94303